

SEQUENCE LISTING

<110> Applied Research Systems ARS Holding N.V.

5 <120> NOVEL CXCL8 ANTAGONISTS

<130> W0932

<160> 6

10 <170> PatentIn version 3.1

<210> 1

<211> 297

15 <212> DNA

<213> homo sapiens

<220>

<223> Human CXCL8 coding sequence

20 <400> 1

atgacttcca agctggccgt ggctctcttg gcagccttcc tgatttctgc agctctgtgt 60

gaaggtgcag ttttgccaag gagtgctaaa gaacttagat gtcagtgcac aaagacatac 120

25 tccaaacctt tccaccccaa atttatcaaa gaactgagag tgattgagag tggaccacac 180

tgcgccaaca cagaaattat tgtaaagctt tctgatggaa gagagctctg tctggacccc 240

aaggaaaact ggggtgcagag ggttgaggag aagtttttga agagggctga gaattca 297

30

<210> 2

<211> 72

<212> PRT

35 <213> Homo sapiens

<220>

<223> Mature human CXCL8

<400> 2

40 Ser Ala Lys Glu Leu Arg Cys Gln Cys Ile Lys Thr Tyr Ser Lys Pro

1 5 10 15

45 Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro

20 25 30

His Cys Ala Asn Thr Glu Ile Ile Val Lys Leu Ser Asp Gly Arg Glu

50 35 40 45

Leu Cys Leu Asp Pro Lys Glu Asn Trp Val Gln Arg Val Val Glu Lys

55 50 55 60

Phe Leu Lys Arg Ala Glu Asn Ser

65 70

5 <210> 3
 <211> 297
 <212> DNA
 <213> Synthetic construct
 <220>
 <223> CXCL8-1B3 coding sequence

10 <400> 3
 atgacttcca agctggccgt ggctctcttg gcagccttcc tgatttctgc agctctgtgt 60
 gaaggtgcag ttttgccaag gagtgctaaa gaacttagat gtcagtgcac aaagacatac 120
 15 tccaaacctt tccaccccaa atttatcaaa gaactgagag tgattgagag tggaccacac 180
 tgcgccaaca cagaaattat tgtaaagctt tctgatggaa gagagctctg tctggacccc 240
 aaggaaaact ggggtgcaggc ggttgtggag gcgttttttg cgagggctga gaattca 297
 20

25 <210> 4
 <211> 72
 <212> PRT
 <213> Synthetic construct
 <220>
 <223> Mature CXCL8-1B3

30 <400> 4
 Ser Ala Lys Glu Leu Arg Cys Gln Cys Ile Lys Thr Tyr Ser Lys Pro
 1 5 10 15
 35 Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro
 20 25 30
 His Cys Ala Asn Thr Glu Ile Ile Val Lys Leu Ser Asp Gly Arg Glu
 40 35 40 45
 Leu Cys Leu Asp Pro Lys Glu Asn Trp Val Gln Ala Val Val Glu Ala
 50 55 60
 45 Phe Leu Ala Arg Ala Glu Asn Ser
 65 70

50 <210> 5
 <211> 297
 <212> DNA
 <213> Synthetic construct
 55 <220>
 <223> CXCL8-2B3 coding sequence
 <400> 5

atgacttcca agctggccgt ggctctcttg gcagccttcc tgatttctgc agctctgtgt 60
gaaggtgcag ttttgccaag gaggctctaaa gaacttagat gtcagtgcac aaagacatac 120
5 tccaaacctt tccaccccaa atttatcaaa gaactgagag tgattgagag tggaccacac 180
tgcgccaaca cagaaattat tgtaaagctt tctgatggaa gagagctctg tctggacccc 240
aaggaaaact ggggtgcagag ggttgtggag gcgttttttg cggcggctga gaattca 297
10
<210> 6
<211> 72
<212> PRT
15 <213> Synthetic construct
<220>
<223> Mature CXCL8-2B3

<400> 6
20 Ser Ala Lys Glu Leu Arg Cys Gln Cys Ile Lys Thr Tyr Ser Lys Pro
1 5 10 15
25 Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro
20 25 30
30 His Cys Ala Asn Thr Glu Ile Ile Val Lys Leu Ser Asp Gly Arg Glu
35 40 45
Leu Cys Leu Asp Pro Lys Glu Asn Trp Val Gln Arg Val Val Glu Ala
50 55 60
35
Phe Leu Ala Ala Ala Glu Asn Ser
65 70
40